

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2005/000044

A. CLASSIFICATION OF SUBJECT MATTER		
<p>IPC7: B24B 7/18 According to International Patent Classification (IPC) or to both national classification and IPC</p>		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols)		
<p>IPC7: A47L, B24B Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched</p>		
<p>SE,DK,FI,NO classes as above Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)</p>		
EPO-INTERNAL, WPI DATA, PAJ		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6295682 B1 (J.H. KLUCZNIK), 2 October 2001 (02.10.2001), column 1, line 48 - line 52; column 2, line 56 - column 3, line 59; column 4, line 49 - line 50	1-3,6-8,14, 15,21
Y	---	4,5
Y	US 20030114091 A1 (J. IMMORDINO JR. ET AL), 19 June 2003 (19.06.2003), paragraph (0002) - (0004), (0008) - (0009), (0020) - (0030), figures 1,2,5	4,5
A	WO 03076131 A1 (HTC SWEDEN AB), 18 Sept 2003 (18.09.2003), figure 2, abstract	16-18
<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.		<input checked="" type="checkbox"/> See patent family annex.
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>		
Date of the actual completion of the international search	Date of mailing of the international search report	
21 March 2005	02-05-2005	
Name and mailing address of the ISA/ Swedish Patent Office Box 5055, S-102 42 STOCKHOLM Facsimile No. +46 8 666 02 86	Authorized officer Anders Brinkman / MRO Telephone No. +46 8 782 25 00	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FI 85114 B (PIIRAINEN, S.E.U.), 29 November 1991 (29.11.1991), figure 1, claim 1, abstract --	4,5
A	DATABASE WPI Week 200107 Derwent Publications Ltd., London, GB; Class P28, AN 2001-056000 & JP 2000317803 A (OSAGUMI KK) 21 November 2000 (2000-11-21) figures 1,2, abstract --	1
A	US 2200921 A (G.P. GRANELL), 14 May 1940 (14.05.1940), page 1, column 1, line 1 - line 9; page 2, column 1, line 37; column 2, line 4, figures 1,2 --	1
A	US 5643047 A (L.J. BECKETT ET AL), 1 July 1997 (01.07.1997), column 1, line 8 - line 11; column 1, line 53 - line 56; column 4, line 39 - line 43, figures 1,8,9 --	16
A	US 2972159 A (A.S. SWANSON ET AL), 21 February 1961 (21.02.1961), figures 2,5,6,10,11 --	16
A	US 5063713 A (G.A. BUCHHEIT, JR.), 12 November 1991 (12.11.1991), column 3, line 49 - line 54; column 7, line 55 - line 59, figure 3 --	1
A	US 20020011813 A1 (H. KOSELKA ET AL), 31 January 2002 (31.01.2002), paragraph (0033), abstract -- -----	17,20

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
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US	6295682	B1	02/10/2001	NONE		
US	20030114091	A1	19/06/2003	NONE		
WO	03076131	A1	18/09/2003	AU	2003214735 A	00/00/0000
				DE	10296574 T	29/04/2004
				EP	1492646 A	05/01/2005
				JP	2004524780 T	12/08/2004
				SE	0200743 A	13/09/2003
				US	20040133784 A	08/07/2004
FI	85114	B	29/11/1991	FI	891014 A	03/09/1990
US	2200921	A	14/05/1940	NONE		
US	5643047	A	01/07/1997	AT	136485 T	15/04/1996
				AU	662488 B	07/09/1995
				AU	8311491 A	02/03/1992
				CA	2088512 A,C	02/02/1992
				DE	69118698 D,T	28/11/1996
				EP	0541657 A,B	19/05/1993
				GB	2263426 A,B	28/07/1993
				GB	9016897 D	00/00/0000
				GB	9303545 D	00/00/0000
				WO	9202334 A	20/02/1992
US	2972159	A	21/02/1961	DE	1293126 B	24/04/1969
				GB	794007 A	23/04/1958
				NL	6400025 A	26/07/1965
US	5063713	A	12/11/1991	NONE		
US	20020011813	A1	31/01/2002	US	6741054 B	25/05/2004
				AU	8127601 A	12/11/2001
				WO	0182766 A,B	08/11/2001